



McNees Wallace & Nurick LLC  
attorneys at law

RECEIVED  
CENTRAL FAX CENTER

MAR 03 2005

FAX COVER LETTER

Routing #220  
Client #22177-0019

DATE: March 3, 2005

PLEASE DELIVER THE FOLLOWING PAGES:

TO: USPTO FAX: (703) 872-9306

FROM: Brian T. Sattizahn Direct Dial: (717) 237-5258

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 11

MESSAGE:

Please acknowledge receipt of documents.

Transmittal Form  
Certificate of Fax Transmittal  
Designation of Power of Attorney or Authorization of Agent  
Copy of Assignment Document  
Statement Under 37 CFR 3.73(b)

Application No.: 10/779,366  
Filed: 02/13/2004

**BEST AVAILABLE COPY**

Attorney Docket No.: 22177-0019

FAX NUMBER: (717) 232-5300

PARALEGAL RESPONSIBLE: Betty G. Rye TELEPHONE: (717) 237-5495

\*\*\*\*\*CONFIDENTIALITY NOTE\*\*\*\*\*

The information and documents accompanying this transmission contain information from the law firm of McNees Wallace & Nurick LLC which is confidential and/or legally privileged. The information is intended solely for the use of the individual or entity named on this transmission sheet. If you are not the designated recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is prohibited.

If you have received this transmission in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you and with reimbursement for cost you may have incurred in responding to this notification.

PTO/SB/21 (09-04)

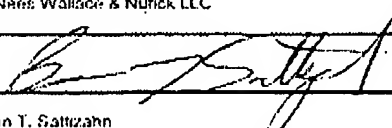
Approved for use through 07/31/2006 OMB 0551-0031

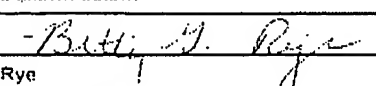
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/779,366
		Filing Date	02/13/2004
		First Named Inventor	Kantor et al.
		Art Unit	2882 (prior)
		Examiner Name	C. Thomas (prior)
Total Number of Pages in This Submission	11	Attorney Docket Number	22177-0019

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statement Under 37 CFR 3.73 (b)
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	McNees Wallace & Nurick LLC		
Signature			
Printed Name	Brian T. Saltzahn		
Date	3/3/05	Reg. No.	40,401

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Betty G. Rye	Date	3/3/05

This collection of information is required by 37 CFR 1.9. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

PTO/SD/98 (08-04)

Approved for use through 07/31/2005. OMB 0831-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Gendex CorporationApplication No./Patent No.: 10/779,366Filed/Issue Date: 13-Feb-2004Entitled: DENTAL X-RAY APPARATUSGendex Corporationa corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: KANTOR et al. To: Dentsply Research & Development Corp.  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: Dentsply Research & Development Corp. To: PDEX Acquisition Corporation  
The document was recorded in the United States Patent and Trademark Office at Reel 015209, Frame 0440, or for which a copy thereof is attached.
3. From: PDEX Acquisition Corporation To: Gendex Corporation  
The document was recorded in the United States Patent and Trademark Office at Reel 015494, Frame 0016, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Roberto Molteni  
Signature

18 November 2004  
Date

Roberto Molteni  
Printed or Typed Name

\_\_\_\_\_  
Telephone Number

Director of Research and Development  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO 9199 and select option 2.

PATENT  
UNITED STATES  
GEN-001-97

ASSIGNMENT OF APPLICATION

WHEREAS WE, Arkady Kantor residing at 2143 Silver Linden Lane, Buffalo Grove, IL 60089; Roberto Molteni residing at 1727 North Drury Lane, Arlington Heights, IL 60089; Daniel P. Murphy residing at 28 Jamison Drive, York, PA 17402; and Todd R. Carlson residing at 1704 Executive Lane, Glenview, IL 60025 (hereinafter the "Inventor(s)") have invented certain new and useful improvements in DENTAL X-RAY APPARATUS

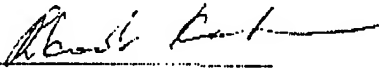
X for which an application for United States Letters Patent was filed on May 24, 2000 Serial No. 09/577,443;

\_\_\_ for which an application for United States Letters Patent was executed on \_\_\_\_; and

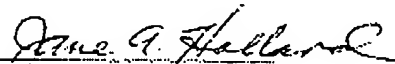
WHEREAS, DENTSPLY Research & Development Corp. whose address is 2337 South Yates Avenue, Los Angeles, CA 90040, USA, is desirous of acquiring the entire right, title and interest in the same.

NOW THEREFORE, for good and valuable consideration we, the said Inventor(s), by these presents do sell, assign and transfer unto said DENTSPLY Research & Development Corp., the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said DENTSPLY Research & Development Corp., as the assignee, the entire right, title and interest in and to the same, for its sole use and behalf, and for the use and behalf of its legal representatives to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

  
Arkady Kantor

On this 19th day of September, 2001, before me personally came the above named Arkady Kantor, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

  
Notary Public



Roberto Molteni  
Roberto Molteni

On this 17<sup>th</sup> day of September, 2001, before me personally came the above named Robert Molteni, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

Jane A. Holland  
Notary Public

OFFICIAL SEAL  
JANE A. HOLLAND  
NOTARY PUBLIC, STATE OF ILLINOIS  
MY COMMISSION EXPIRES 7-18-2002

Daniel P. Murphy  
Daniel P. Murphy

On this 2 day of October, 2001, before me personally came the above named Daniel P. Murphy, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

Linda M. Lovans  
Notary Public

Notarial Seal  
Linda M. Lovans, Notary Public  
York, York County  
My Commission Expires Sept. 11, 2004  
Member, Pennsylvania Association of Notaries

Todd R. Carlson  
Todd R. Carlson

On this 17 day of SEPTEMBER, 2001, before me personally came the above named Todd R. Carlson, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

Jane A. Holland  
Notary Public

OFFICIAL SEAL  
JANE A. HOLLAND  
NOTARY PUBLIC, STATE OF ILLINOIS  
COMMISSION EXPIRES 7-18-2002

## Designation of Power of Attorney or Authorization of Agent

I hereby revoke all previous powers of attorney or authorizations of agent given in the below-identified application(s) or Patent(s).

I hereby appoint the practitioners at Customer No. 26587 as my/our attorney(s) or agent(s) to prosecute the below-identified application(s) or Patent(s), and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the below-identified application(s) or Patent(s) to:

McNees, Wallace & Nurick LLC  
P.O. Box 1166  
100 Pine Street  
Harrisburg, PA 17108-1166

which correspondence address provided above corresponds to Customer No. 26587.

*Docket No.:* 22177-0005

*Title:* DENTAL X-RAY APPARATUS FOR PANORAMIC TOMOGRAPHY

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	07/347,315	03-May-1989	4,985,907	15-Jan-1991

*Docket No.:* 22177-0006

*Title:* MODULAR-ENDOSCOPIC APPARATUS WITH PROBE

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	07/376,881	06-Jul-1989	4,994,910	19-Feb-1991

*Docket No.:* 22177-0008

*Title:* PHANTOM FOR A DENTAL PANORAMIC X-RAY APPARATUS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	07/536,902	12-Jun-1990	5,083,920	28-Jan-1992

*Docket No.:* 22177-0010

*Title:* HEAD POSITIONER FOR CEPHALOMETRIC X-RAY

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	07/787,049	04-Nov-1991	5,263,494	23-Nov-1993

**Docket No.:** 22177-0011**Title:** CEPHALOSTAT

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	07/951,512	25-Sep-1992		

**Docket No.:** 22177-0012**Title:** PORTABLE DENTAL CAMERA AND SYSTEM AND

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/134,158	08-Oct-1993	5,487,661	30-Jan-1996
United States of America	08/541,564	29-Sep-1995		
United States of America	08/900,713	25-Jul-1997	5,836,762	17-Nov-1998
United States of America	09/003,132	06-Jan-1998	6,132,211	17-Oct-2000
United States of America	09/735,310	26-Sep-2000		

**Docket No.:** 22177-0015**Title:** DARK BOX FOR STORING LIGHT-SENSITIVE STORAGE LAYER RADIATION SCREENS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/982,250	01-Dec-1997	6,135,285	24-Oct-2000

**Docket No.:** 22177-0016**Title:** SCANNING SYSTEM WITH FLEXIBLE DRIVE ASSEMBLY

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	09/172,808	14-Oct-1998	6,198,111	06-Mar-2001
United States of America	09/782,923	13-Feb-2001	6,492,654	10-Dec-2002
United States of America	10/315,925	09-Dec-2002		
United States of America	10/759,499	16-Jan-2004		

**Docket No.:** 22177-0017**Title:** POSITIONING APPARATUS AND METHOD FOR TRANSVERSAL DENTAL X-RAY TOMOGRAPHY

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/158,705	08-Oct-1999		
United States of America	09/679,765	05-Oct-2000	6,424,694	23-Jul-2002
United States of America	10/074,880	12-Feb-2002		
United States of America	10/279,578	24-Oct-2002		

**Docket No.:** 22177-0018**Title:** AUTOMATIC EXPOSURE CONTROL FOR DENTAL PANORAMIC AND CEPHALOGRAPHIC X-RAY

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/158,706	08-Oct-1999		
United States of America	09/679,768	05-Oct-2000		
United States of America	10/024,873	19-Dec-2001	6,553,095	22-Apr-2003

**Docket No.:** 22177-0019**Title:** DENTAL X-RAY APPARATUS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/135,856	24-May-2000		
United States of America	09/577,443	24-May-2000		
United States of America	10/279,607	24-Oct-2002		
United States of America	10/638,657	11-Aug-2003		
United States of America	10/779,366	13-Feb-2004		

**Docket No.:** 22177-0020**Title:** AUTOMATIC X-RAY DETECTION FOR INTRA-ORAL DENTAL X-RAY IMAGING APPARATUS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/179,639	02-Feb-2000		
United States of America	09/754,663	04-Jan-2001		

**Docket No.:** 22177-0021**Title:** REAL-TIME DIGITAL X-RAY IMAGING APPARATUS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/307,627	25-Jul-2001		
United States of America	10/205,257	25-Jul-2002		

**Docket No.:** 22177-0022**Title:** COMPACT DIGITAL INTRAORAL CAMERA

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/387,465	10-Jun-2002		
United States of America	10/458,417	10-Jun-2003		



*Docket No.:* 22177-0023*Title:* REAL-TIME DIGITAL X-RAY IMAGING APPARATUS

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	60/398,436	25-Jul-2002		
United States of America	10/623,833	21-Jul-2003		

*Docket No.:* 22177-0024*Title:* ARRANGEMENT FOR FEEDING PRESSURIZED PARTICULATE MATERIAL

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/436,960	08-May-1995	5,618,177	08-Apr-1997

*Docket No.:* 22177-0025*Title:* ABRASIVE HANDPIECE FOR USE WITH AIR ABRASION SYSTEM

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/951,948	17-Oct-1997	5,967,779	19-Oct-1999

*Docket No.:* 22177-0026*Title:* AIR ABRASION SYSTEM FOR USE IN DENTAL PROCEDURES

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/953,109	17-Oct-1997	6,106,268	22-Aug-2000

*Docket No.:* 22177-0027*Title:* EVACUATION HAND PIECE FOR USE DURING DENTAL PROCEDURES

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/953,108	17-Oct-1997	6,186,783	13-Feb-2001

*Docket No.:* 22177-0028*Title:* EVACUATION APPARATUS FOR USE DURING DENTAL PROCEDURES

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	08/953,079	17-Oct-1997		
United States of America	09/556,511	14-Apr-2000		

*Docket No.:* 22177-0029*Title:* PORTABLE AIR ABRASION SYSTEM

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	29/078,676	17-Oct-1997	Des 400,212	27-Oct-1998

*Docket No.:* 22177-0030*Title:* AIR ABRASION HAND PIECE

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	29/078,677	17-Oct-1997	Des 400,213	27-Oct-1998

*Docket No.:* 22177-0031*Title:* COUNTERTOP AIR ABRASION SYSTEM

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	29/078,402	17-Oct-1997	Des 400,214	27-Oct-1998

*Docket No.:* 22177-0032*Title:* DENTAL EVACUATION HAND PIECE

Country	Application Number	Filing Date	Patent Number	Issue Date
United States of America	29/078,403	17-Oct-1997	Des 417,730	14-Dec-1999

Copies of this document shall have the same legal effect as the originally executed document.

I am the:

☐ Applicant/Inventor of the above-identified application(s) or Patent(s).

☒ Assignee of record of the entire interest of the above-identified application(s) or Patent(s). Copies of the appropriate Statements under 3.73(b) are enclosed.

Roberto Molteni  
Signature

18 November, 2004  
Date

Roberto Molteni  
Name

Director of R&D  
Title

PTO/SB/07 (03-04)

Approved for use through 07/31/2006 OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

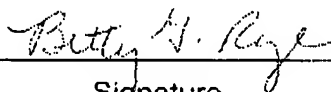
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office

on March 3, 2005.

Date



Signature

Betty Rye

Typed or printed name of person signing Certificate

Registration Number if applicable

(717) 237-5494

Telephone Number

Note: Each paper must have its own certificate of transmission, or this  
certificate must identify each submitted paper.

Transmittal Form

Designation of Power of Attorney or Authorization of Agent

Copy of Assignment Document

Statement under 37 CFR 3.73(b)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FFPS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☒ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**